



U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary.

Shop

10

Complete if Known	
Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewitch
Examiner Name	Herewitch
Attorney Docket Number	211843-00044

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US- 4,254,340		01-08-1970	03 03 1981	
	US- 4,409,486		05-29-1981	04 05 29 1981	
	US- 4,512,812		09-22-1983	09 22 1983	
	US- 4,529,474		01-30-1984	07 16 1985	
	US- 4,619,844		01-22-1985	10 28 1986	
	US- 4,640,221		10-30-1985	02 03 1987	
	US- 4,657,616		05-17-1985	04 14 1987	
	US- 4,665,315		04-01-1985	05 12 1987	
	US- 4,703,183		12-05-1985	10 27 1987	
	US- 4,723,967		04-27-1987	02 09 1988	
	US- 4,738,693		11-4-1987	04 19 1988	
	US- 4,786,352		09-12-1986	11 22 1988	
	US- 4,958,078		01-05-1989	09 18 1990	
	US- 4,960,488		12-10-1989	10 22 1990	
	US- 4,983,850		03-09-1989	01 08 1991	
	US- 5,028,791		02-28-1990	07 02 1991	
	US- 5,049,784		05-24-1990	05 17 1991	
	US- 5,083,061		11-15-1990	01 21 1992	
	US- 5,089,747		02-16-1990	02 18 1992	

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

/Bernard Souw/

Date Considered

05/26/2010

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.S./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete If Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewith
Examiner Name	Herewith
Attorney Docket Number	211843-00044

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,089,747	02-16-1990	02/18/1992	
		US- 5,097,179	01-25-1991	03/17/1992	
		US- 5,101,110	11-0-1990	03/31/1992	
		US- 5,129,958	05-23-1991	07/14/1992	
		US- 5,132,545	08-10-1990	07/24/1992	
		US- 5,144,147	08-28-1991	09/01/1992	
		US- 5,158,644	10-10-1991	10/27/1992	
		US- 5,186,120	12-04-1991	02/16/1993	
		US- 5,206,516	04-29-1991	04/27/1993	
		US- 5,262,652	06-16-1991	11/16/1993	
		US- 5,279,129	06-01-1992	01/18/1994	
		US- 5,281,302	01-14-1993	01/25/1994	
		US- 5,296,713	01-22-1993	03/22/1994	
		US- 5,306,921	03-02-1993	04/26/1994	
		US- 5,312,519	07-02-1992	05/17/1994	
		US- 5,350,926	03-11-1993	09/27/1994	
		US- 5,354,698	07-19-1993	10/11/1994	
		US- 5,362,328	01-07-1994	11/08/1994	
		US- 5,369,279	08-26-1993	11/29/1994	

on 1/29

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² "Number" ⁴ "Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
					T ⁶

Examiner Signature	/Bernard Souw/	Date Considered	05/26/2010
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.S./

Property of the U.S. Patent and Trademark Office. 10/582,392 5/26/2010

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete If Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Sheet

3

of

Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewith
Examiner Name	Herewith
Attorney Docket Number	211843-00044

U. S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.*	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
		US- 5,429,070	11-20-1992	07/04/1995
		US- 5,451,258	05-11-1994	09/19/1995
		US- 5,466,942	12-10-1993	11/14/1995
		US- 5,486,235	08-09-1993	07/23/1996
		US- 5,536,330	05-15-1995	07/16/1996
		US- 5,554,854	07-17-1995	09/01/1996
		US- 5,576,538	09-27-1995	11/19/1996
		US- 5,616,208	06-07-1994	04/11/1997
		US- 5,633,506	08-28-1995	05/27/1997
		US- 5,661,308	05-30-1996	07/26/1997
		US- 5,676,759	05-17-1995	10/14/1997
		US- 5,685,916	07-07-1995	11/11/1997
		US- 5,700,327	03-10-1995	12/23/1997
		US- 5,714,738	07-10-1995	02/03/1998
		US- 5,747,936	11-25-1996	05/09/1998
		US- 5,751,002	04-30-1996	05/12/1998
		US- 5,779,849	01-30-1997	07/14/1998
		US- 5,780,863	04-29-1997	07/14/1998
		US- 5,785,796	12-24-1996	07/24/1998

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No.*	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

Examiner Signature	/Bernard Souw/	Date Considered	05/26/2010
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.S./
Prepared on Form 10/03/2002, 5012-22220531

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete If Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Sheet

4

of

Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewith
Examiner Name	Herewith
Attorney Docket Number	211843-00044

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,788,778	09-16-1996	08/04/1998	
		US- 5,824,375	10-24-1996	10/20/1998	
		US- 5,832,177	04-21-1995	11/03/1998	
		US- 5,843,239	03-03-1997	12/11/1998	
		US- 5,882,416	06-19-1997	03/16/1999	
		US- 5,883,364	08-26-1996	03/16/1999	
		US- 5,883,391	06-16-1997	03/16/1999	
		US- 5,886,355	08-28-1996	03/23/1999	
		US- 5,932,882	11-08-1996	08/03/1999	
		US- 5,940,724	04-30-1997	08/17/1999	
		US- 5,993,766	05-20-1997	11/30/1999	
		US- 6,013,332	12-06-1996	01/11/2000	
		US- 6,060,034	06-02-1998	05/09/2000	
		US- 6,068,729	09-03-1998	09/30/2000	
		US- 6,093,625	05-20-1998	06/25/2000	
		US- 6,107,634	04-30-1998	08/22/2000	
		US- 6,130,436	06-02-1998	10/10/2000	
		US- 6,143,084	03-19-1998	11/07/2000	
		US- 6,150,628	06-26-1997	11/21/2000	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
					T ⁶

Examiner Signature	/Bernard Souw/	Date Considered	05/26/2010
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.S./

Copyright 2008 USPTO 10513252 05/22/2008

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 5 of

<i>Complete if Known</i>	
Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewith
Examiner Name	Herewith
Attorney Docket Number	211843-00044

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² # known)			
		US- 6,160,262	10-24-1998	12/21/2000	
		US- 6,178,925 B1	09-29-1999	01/30/2001	
		US- 6,184,532 B1	05-22-1998	02/06/2001	
		US- 6,221,169 B1	05-10-1999	04/24/2001	
		US- 6,242,750 B1	11-26-1998	06/05/2001	
		US- 6,253,783	10-24-2000	07/03/2001	
		US- 6,259,105 B1	05-10-1999	07/10/2001	
		US- 6,271,529 B1	05-22-1998	08/07/2001	
		US- 6,288,403 B1	10-11-1999	09/11/2001	
		US- 6,313,475 B1	07-26-2000	11/06/2001	
		US- 6,335,534 B1	04-16-1999	01/01/2002	
		US- 6,338,312 B2	04-15-1998	01/15/2002	
		US- 6,355,933 B1	01-13-1999	03/12/2002	
		US- 6,423,976	05-28-1999	07/29/2002	
		US- 6,441,382 B1	05-21-1999	08/27/2002	
		US- 6,449,521 B1	09-18-1998	09/10/2002	
		US- 6,452,198 B1	06-28-2001	09/17/2002	
		US- 6,452,338	03-17-1999	09/17/2002	
		US- 6,464,891 B1	03-17-1999	10/15/2002	

FOREIGN PATENT DOCUMENTS

Examiner
Signature

/Bernard Souw/

Date _____

05/26/2010

EXAMINER: Initial / reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.S./

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448/PTO

Complete If Known

Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewith
Examiner Name	Herewith
Attorney Docket Number	211843-00044

Sheet 6 of

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary.)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U. S. PATENT DOCUMENTS			
		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
Number-Kind Code ² (if known)					
		US- 6,479,828 B2	12-15-2000	11 12 2002	
		US- 6,486,431 B1	09-12-2000	11 26 2002	
		US- 6,489,622 B1	03-01-2000	12 03 2002	
		US- 6,498,348 B2	12-15-2000	12 24 2002	
		US- 6,528,804 B1	03-13-2000	03 04 2003	
		US- 6,545,419 B2	03-07-2001	04 08 2003	
		US- 6,559,462 B1	10-31-2000	05 04 2003	
		US- 6,614,033 B2	12-05-2000	09 02 2003	
		US- 6,617,593 B2	12-04-2000	09 09 2003	
		US- 6,620,256 B1	11-08-2000	09 16 2003	
		US- 6,639,227 B1	10-18-2000	10 28 2003	
		US- 6,653,643 B2	12-26-2001	11 25 2003	
		US- 6,664,547 B2	05-01-2002	12 16 2003	
		US- 6,670,623 B2	03-07-2001	12 30 2003	
		US- 6,670,624 B1	03-07-2003	12 30 2003	
		US- 6,686,601 B2	12-02-2002	02 03 2004	
		US- 6,703,628 B2	05-23-2003	03 09 2004	
		US- 6,710,358 B1	02-25-2000	03 23 2004	
		US- 6,712,084 B2	06-24-2002	03 30 2004	

α 1/30

FOREIGN PATENT DOCUMENTS

Examiner
Signature

/Bernard Souw/

Date
Considered

05/26/2010

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.S./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

7

of

Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewith
Examiner Name	Herewith
Attorney Docket Number	211843-00044

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,740,586	11-06-2002	05/25/2004	
		US- 6,770,888 B1	06-25-2003	08/03/2004	
		US- 6,772,776 B2	09-18-2001	08/10/2004	
		US- 6,777,696 B1	02-21-2003	08/17/2004	
		US- 6,818,909 B2	11-07-2003	11/16/2004	
		US- 6,830,631	02-21-2002	12/14/2004	
		US- 6,835,930 B2	01-08-2004	12/28/2004	
		US- 6,841,141 B2	09-26-2002	01/11/2005	
		US- 6,852,242	02-23-2001	02/08/2005	
		US- 6,885,014 B2	07-31-2002	04/26/2005	
		US- 6,885,812 B2	03-06-2003	04/26/2005	
		US- 6,909,102 B1	01-21-2004	06/21/2005	
		US- 6,909,839 B2	07-23-2003	06/21/2005	
		US- 6,921,062 B2	07-23-2002	07/26/2005	
		US- 6,946,667 B2	11-19-2002	09/20/2005	
		US- 6,956,225 B1	04-01-2004	10/18/2005	
		US- 6,958,481 B2	08-22-2001	10/25/2005	
		US- 6,992,311 B1	01-18-2005	01/31/2006	
		US- 2003/0111014 A1	12-18-2001	06/19/2003	

or 7/30

↓

FOREIGN PATENT DOCUMENTS					T ⁶
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	

Examiner Signature	/Bernard Souw/	Date Considered	05/26/2010
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.S./

05/26/2010 10:00:33 AM 2008

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete If Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

(Use as many sheets as necessary)

Sheet 8

of

Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewith
Examiner Name	Herewith
Attorney Docket Number	211843-0004

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	FOREIGN PATENT DOCUMENTS		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Foreign Patent Document	Publication Date MM-DD-YYYY			
		Country Code ³ "Number" "Kind Code" ⁸ (if known)				
		WO 96/15545	11-13-1995			
		EP 0140975 A1	03-19-1984			
		EP 0474108 A1	08-28-1991			
		EP 0555 546 A1	12-15-1992			
		EP 0648861 A1	10-06-1994			
		EP 0697 467 A1	07-10-1995			

Examiner Signature	/Bernard Souw/	Date Considered	05/26/2010
--------------------	----------------	-----------------	------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation (optional). ³See Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.S./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/582,392
(use as many sheets as necessary)				Filing Date	June 28, 2007
				First Named Inventor	Horsky et al.
				Group Art Unit	2821
				Examiner Name	Bernard Souw
Sheet 1		of 1	Attorney Docket Number		211843-00044

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	5,497,006	03-05-1996	Sferlazzo	
	A2	2008-0121811	05-29-2008	Horsky	
	A3	2004-0002202	01-01-2004	Horsky	
	A4	2008-0223409	04-18-2008	Horsky	
	A5	12/234,202	09-19-2008	Horsky	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)			
	B1	WO 2005/059942 A2			
	B2	WO 2004/003973 A3			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published			T ²
	C1	E.J. Collart et al. "Co-Implantation with Conventional Spike Anneal Solutions for 45 nm Ultra-Shallow Junction Formation", Proceedings of the Eight International Workshop on: Fabrication, Characterization and Modeling Of Ultra-Shallow Doping Profiles in Semiconductors, June 2005, p. 327			
	C2	S. Rizk et al. "Modeling the Suppression Boron Diffusion in SiC/Si Due to Carbon Incorporation", ibid, p. 315			
	C3	L. S. Robertson et al., "The Effect of Impurities and Activation of Ion Implanted boron in Silicon", Mat. Res. Soc. Symp. Vol. 610, pp. B5.8.1-B5.8.6 (2000)			
	C4	Mark E. Law et al., "Influence of Carbon on the diffusion of Interstitials and Boron in Silicon", ibid, pp. B7.4.1-B7.4.5			
	C5	P. A. Stolk et al., "Understanding and Controlling Transient Enhanced Dopant Diffusion in Silicon", Mat. Res. Soc. Symp. Proc. Vol. 354, pp. 307-318 (1995)			
	C6	M. Ueda et al., "High Dose Nitrogen and Carbon Shallow Implantation in Si by Plasma Immersion Ion Implantation", Nuclear Instruments and Methods in Physics Research B 175-177 (2001) pp. 715-720;			
	C7	Jorg K. N. Lindner et al., "Ion Beam Synthesis of Buried SiC Layers in Silicon: Basic Physical Processes", Nuclear Instruments and Methods Research B 178 (2001) pp. 44-54			
	C8	K. N. Lindner et al., "Mechanisms of SiC Formation in the Ion Beam Synthesis of 3 C-SiC Layers in Silicon", Materials Science Forum Vols. 264-268 (1998) pp. 215-218			
	C9	Kah-Wee An et al., "Thin body Silicon-on-Insulator N-MOSFET with Silicon-Carbon Source/Drain Regions for Performance Enhancement", IEDM Workshop, Washington, D.C., December, 2005			
	C10	Masahiro et al., "B-SiC Formation by Low-Energy Ion-Doping Technique", Japanese Journal of Applied Physics Vol. 29, No. 8, August, 1990, pp. L 1493 - L 1496			
Examiner Signature	/Bernard Souw/				05/26/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds codes of USPTO Patent Documents as www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.S./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/582,392
				Filing Date	June 28, 2007
				First Named Inventor	Horsky et al.
				Group Art Unit	2881
				Examiner Name	Bernard Souw
				Attorney Docket Number	211843-00044
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/B.S./	A1	2005/0178975	08-2005	Glukhoy, Yuri	
	A2	5,216,330	06-1993	Ahonen, Robert G.	
	A3	2008/0223409	09-2008	Horsky et al.	
	A4	2008/0121811	05-2008	Horsky et al.	
	A5	2007/0278417	12-2007	Horsky et al.	
	A6	2007/0262262	11-2007	Horsky et al.	
	A7	2007/0108394	05-2007	Horsky	
	A8	2007/0107841	05-2007	Horsky et al.	
	A9	2006/0097193	05-2006	Horsky et al.	
	A10	2005/0269520	12-2005	Horsky et al.	
	A11	2005/0051096	03-2005	Horsky et al.	
	A12	2004/0188631	09-2004	Horsky et al.	
	A13	2003/0230986	12-2003	Horsky et al.	
	A14	7,185,602	03-2007	Horsky et al.	
	A15	7,112,804	04-2006	Horsky et al.	
	A16	7,022,999	04-2006	Horsky et al.	
	A17	7,107,929	09-2006	Horsky et al.	
	A18	6,768,121	07-2004	Horsky et al.	
	A19	6,583,544	06-2003	Horsky et al.	
	A20	2004/0104682	06-2004	Horsky et al.	
	A21	2008/0087219	04-2008	Horsky	
/B.S./	A22	2006/0097193	05-2006	Horsky et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ –Number ⁴ – Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published			T ²
Examiner Signature		/Bernard Souw/			03/04/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds codes of USPTO Patent Documents as www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.